

## Application Data Sheet

### Application Information

|                                |   |
|--------------------------------|---|
| Application Type::             | Regular   |
| Subject Matter::               | Utility   |
| Title::                        | METHOD AND APPARATUS USING<br>HARMONIC-MODEL-BASED FRONT END<br>FOR ROBUST SPEECH RECOGNITION |
| Attorney Docket Number::       | M61.12-0550   |
| Request for Non-Publication?:: | No  |
| Suggested Drawing Figure::     | 3   |
| Total Drawing Sheets::         | 5   |
| Small Entity?::                | No  |
| Petition included?::           | No  |
| Petition Type::                |   |

### Applicant Information

|  |                            |
|--|----------------------------|
| Applicant Authority Type::             | Inventor                   |
| Primary Citizenship Country::          | US                         |
| Given Name::                           | Michael                    |
| Family Name::                          | Seltzer                    |
| Name Suffix::                          |                            |
| City of Residence::                    | Pittsburgh                 |
| State or Province of Residence::       | PA                         |
| Country of Residence::                 | US                         |
| Street of Mailing address::            | 5646 Hobart Street, Apt. 4 |
| City of Mailing address::              | Pittsburgh                 |
| State of Province of mailing address:: | PA                         |
| Country of mailing address::           |                            |
| Postal or Zip Code::                   | 15217                      |

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: US  
Given Name:: James  
Family Name:: Droppo  
Name Suffix::  
City of Residence:: Duvall  
State or Province of Residence:: WA  
Country of Residence:: US  
Street of Mailing address:: 13820 282<sup>nd</sup> Court N.E.  
City of Mailing address:: Duvall  
State of Province of mailing address:: WA  
Country of mailing address::  
Postal or Zip Code:: 98019

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Spain  
Given Name:: Alejandro  
Family Name:: Acero  
Name Suffix::  
City of Residence:: Bellevue  
State or Province of Residence:: WA  
Country of Residence:: US  
Street of Mailing address:: 6525 163<sup>rd</sup> Place S.E.  
City of Mailing address:: Bellevue  
State of Province of mailing address:: WA  
Country of mailing address::  
Postal or Zip Code:: 98006

### Correspondence Information

Name:: Theodore M. Magee  
Street of mailing address:: Westman, Champlin & Kelly  
900 Second Avenue South, Suite 1600  
City of mailing address:: Minneapolis  
State or Province of mailing address:: MN  
Postal or Zip Code of mailing address:: 55402-3319  
Phone number:: 612/334-3222  
Fax number:: 612/334-3212  
E-Mail address:: tmagee@wck.com

### Representative Information

| Representative Designation:: | Registration Number:: | Representative Name:       |
|------------------------------|-----------------------|----------------------------|
| Primary                      | 20147                 | Nickolas E. Westman        |
| Primary                      | 34797                 | Judson K. Champlin         |
| Primary                      | 34847                 | Joseph R. Kelly            |
| Primary                      | 36188                 | Steven M. Koehler          |
| Primary                      | 34557                 | David D. Brush             |
| Primary                      | 38354                 | John D. Veldhuis-Kroeze    |
| Primary                      | 39758                 | Theodore M. Magee          |
| Primary                      | 35612                 | Deirdre Megley Kvale       |
| Primary                      | 42413                 | Christopher R. Christenson |
| Primary                      | 41885                 | Brian D. Kaul              |
| Primary                      | 45466                 | Nathan M. Rau              |
| Primary                      | 45844                 | Christopher L. Holt        |
| Primary                      | 45956                 | Alan G. Rego               |
| Primary                      | 48516                 | Todd R. Fronek             |
| Primary                      | 49027                 | Linda P. Ji                |
| Primary                      | 53675                 | Leanne R. Taveggia         |
| Primary                      | 24383                 | Robert M. Angus            |

|         |       |                         |
|---------|-------|-------------------------|
| Primary | 32015 | David C. Bohn           |
| Primary | 33760 | Stacy Quan              |
| Primary | 28692 | Michael W. Bocianowski  |
| Primary | 38590 | Jeffrey L. Ranck        |
| Primary | 35499 | David Bartley Eppenauer |
| Primary | 33553 | Martin L. Shively       |
| Primary | 35744 | Ronald O. Zink          |
| Primary | 32322 | John Weresh             |
| Primary | 37038 | Patricia E. Bornes      |

#### Domestic Priority Information

| Application::    | Continuity Type:: | Parent Application:: | Parent Filing Date:: |
|------------------|-------------------|----------------------|----------------------|
| This application |                   |                      | MM/DD/YY             |
|                  |                   |                      |                      |
|                  |                   |                      |                      |

#### Foreign Priority Information

| Country:: | Application number:: | Filing Date:: | Priority Claimed:: |
|-----------|----------------------|---------------|--------------------|
|           |                      | MM/DD/YY      | Yes or No          |
|           |                      |               |                    |
|           |                      |               |                    |

#### Assignee Information

Assignee name:: Microsoft Corporation  
 Street of mailing address:: One Microsoft Way  
 City of mailing address:: Redmond  
 State or Province of mailing address:: WA  
 Country of mailing address::  
 Postal or Zip Code of mailing address:: 98052